

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/04841

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01K1/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01K H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 4 623 815 A (BIERBAUER FRANZ-JOSEF ET AL) 18 November 1986 (1986-11-18) abstract	1,2,8, 10,13 3-7,9, 11,12
Y A	JP 59 119668 A (HAMAI DENKIYUU KOGYO KK) 10 July 1984 (1984-07-10) abstract	1,2,8, 10,13
A	US 4 935 660 A (GUREL MANFRED ET AL) 19 June 1990 (1990-06-19) the whole document	1-13
A	GB 1 340 870 A (SEWELL M; ELECTRONIC CONTROL SURVEILLANC) 19 December 1973 (1973-12-19) the whole document	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

Date of the actual completion of the international search

30 January 2004

Date of mailing of the international search report

05/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 404 069 A (OLWERT RONALD J ET AL) 4 April 1995 (1995-04-04) figure 5 -----	1, 11, 13
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